APPENDIX 8.2C

Biological Resources Mitigation Implementation and Monitoring Plan

Outline Biological Resources Mitigation Implementation and Monitoring Plan,

For Walnut Energy Center,

Turlock, California

Prepared for

Turlock Irrigation District, Stanislaus County

November 2002

CH2MHILL

2485 Natomas Park Drive Sacramento, CA 9583

Contents

Section	Page
1. Introduction	1-1
1.1 Background	1-1
1.2 Project Site Location	
1.3 Project Description	1-2
1.4 Purpose of the BRMIMP	1-3
2. Responsible Individuals	2-1
2.1 California Energy Commission Compliance Project Manager	2-1
2.2 Walnut Energy Center Compliance Manager	2-1
2.3 Designated Biologist	2-2
2.4 On-Site Biological Monitors	2-3
2.5 Regulatory Agency Personnel	2-4
3. Conditions of Certification	
3.1 Worker Environmental Awareness Training (WEAT)	
3.2 Plan Modification Process	3-5
3.3 Facility Closure Plan	3-6
4. Mitigation Measures for Sensitive Biological Resources within the Project Ar	reas 4-1
4.1 Walnut Energy Center Site	
4.1.1 Project Activities; Site Preparation	
4.1.2 Construction Restrictions on WEC Site	4-2
4.1.3 Permits Required at the WEC Site	4-3
4.1.4 Special-Status Species at WEC Site	4-7
4.2.5 Protection for Nesting and Foraging Birds	4-3
4.2 Gas-Supply and Water Supply Corridor Protection	4-5
4.2.1 Project Activities: Gas Pipeline Horizontal Directional Drill (F	IDD)
and Open-Cut Trenching	4-9
4.2.2 Construction Restrictions Near Waterways and Drainages	4-5
4.2.3 Permits Required for Construction Near Waterways	4-6
4.2.4 Special-Status Species Near Waterways	4-6
4.2.5 Protection of Fish and Aquatic Species In Waterways	4-8
4.3.6 Protection for Swainson's Hawk and Western Burrowing Ow	14-13
4.2.7 Erosion Control and Revegetation of Disturbed Areas	4-8
4.2.8 Contingency Plan for HDD	
5. Implementation Schedule	
6. Implementation Monitoring/Verification Program	
7 References	7-1

Tables

- 3-1 Biological Resources Conditions of Certification from CEC and Natural Resource Agencies for the Walnut Energy Center Project
- 4-1 Summary of Sensitive Biological Resources, Restrictions, and Permits for Each Project Component.
- 5-1 Relative Schedule for Implementation of Mitigation Measures
- 6-1 Monitoring Tasks and Criteria that Determine Successful Implementation of Mitigation Measures

Figures

- 1 WEC Project Location Map
- 2 WEC Project Features and Special-Status Species Known to Occur in the Vicinity
- 3 Aerial Photographs with Biological Resources Along Project Features
- 4 Compliance Verification Report Form

Appendices

- A Designated Biologist Qualifications
- B Worker Environmental Awareness Training Program
- C Preconstruction Protocol Survey for Swainson's Hawk and Burrowing Owl
- D Erosion Control and Revegetation Plan
- H Contingency Plan for HDD Inadvertent Returns Walnut Energy Center Gas Pipeline Project, Stanislaus County, California
- I California Energy Commission's Final Decision on Walnut Energy Center